



Patent  
Attorney's Docket No. 034217-003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**In re Application of:**

Sydney David FINKELSTEIN et al.

Confirmation No. 2727

**Application No.:** 10/008,278

Group Art Unit: 1634

**Filed:** November 5, 2001

Examiner: Jeanine Anne Goldberg

**Title:** TOPOGRAPHIC GENOTYPING

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Commissioner for Patents  
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**INFORMATION DISCLOSURE UNDER 37 C.F.R. § 1.97(c)**

Sir:

The attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached Form PTO-1449. A copy of each of the cited documents is attached, if required.

This Information Disclosure is being submitted after issuance of a first Office Action on the merits and after expiration of the three-month period following filing of the above-identified application, but prior to issuance of either a final Office Action or a Notice of Allowance. A check in the amount of \$180.00 is attached hereto to cover the fee set forth in 37 CFR § 1.17(p).

It is respectfully requested that the information be considered by the Examiner and that a copy of the attached Form PTO-1449 be returned indicating that such information has been considered.

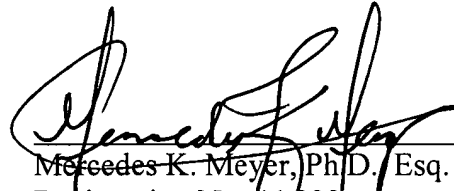
In the event any further fees are required in connection with this paper, please charge Deposit Account No. 50-0573. A copy of this document is enclosed.

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Applicants' undersigned attorney may be reached by telephone at (215) 988.2700.  
All correspondence should be directed to the below-listed address.

Respectfully submitted,

Dated: July 22, 2005

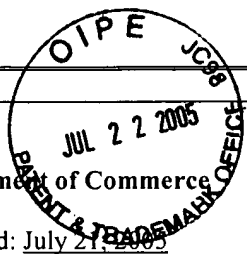


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Sheet 1 of 2		Form PTO-1449		DOCKET NO. 034217.0003		APPLN. NO. 10/008,278	
U.S. Department of Commerce				APPLICANT: Sydney David FINKELSTEIN et al.			
Date Filed: July 21, 2005				FILING DATE: 11/05/2001		GROUP 1634	
<b>U.S. PATENT DOCUMENTS</b>							
Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if appropriate	
<b>FOREIGN PATENT DOCUMENTS</b>							
	Document Number	Date	Country	Class	Subclass	Translation Yes/No/Abstract	
<b>OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, etc.)</b>							
CA	Cheung Wong, et al., "Mutations in BRCA1 from Fixed, Paraffin-Embedded Tissue Can Be Artifacts of Preservation," Cancer Genet. Cytogenet. 107, pp. 21-27 (1998)						
CB	A-M de Roda Husman et al., "Processing of long-stored archival cervical smears for human papillomavirus detection by the polymerase chain reaction," British Journal of Cancer (1995) 72, pp. 412-417						
CC	S. Kösel et al., "Use of neuropathological tissue for molecular genetic studies: parameters affecting DNA extraction and polymerase chain reaction," Acta Neuropathol. (1994) 88, pp. 19-25.						
CD	Zhi-Ping Ren et al., "Recovering DNA and Optimizing PCR Conditions from Microdissected Formalin-Fixed and Paraffin-Embedded Materials," Pathobiology 2000; 68, pp. 215-217						
CE	Carla De Giorgi et al., "Formalin-induced infidelity in PCR-amplified DNA fragments," Molecular and Cellular Probes (1994) 8, pp. 459-462						
CF	Takayuki Murase, M.D., et al., "Influence of Histochemical and Immunohistochemical Stains on Polymerase Chain Reaction," The United States and Canadian Academy of Pathology, Inc., Vol. 13, No. 2, pp. 147-151 (2000)						
CG	Florell M.D., "Preservation of RNA for Functional Genomic Studies: a Multidisciplinary Tumor Bank Protocol," The United States and Canadian Academy of Pathology, Inc., Vol. 14, No. 2, pp. 116-128 (2001)						
CH	Xavier de Lamballerie, et al., "Improved current methods for amplification of DNA from routinely processed liver tissue by PCR," Journal of Clinical Pathology 1994, 47, pp. 466-467						
CI	S.F. An, et al., "Removal of inhibitor(s) of the polymerase chain reaction from formalin fixed, paraffin wax embedded tissues," Journal of Clinical Pathology 1991, 44 pp. 924-927						
CJ	P.J. Coates, et al., "Simplified procedures for applying the polymerase chain reaction to routinely fixed paraffin wax sections," Journal of Clinical Pathology 1991, 44, pp. 115-118						
CK	Gillian Tully, et al., "Analysis of 6 VNTR loci by 'multiplex' PCR and automated fluorescent detection," Human Genetics (1993) 92, pp. 554-562						
CL	Craig R. Miller, et al., "Assessing Allelic Dropout and Genotype Reliability Using Maximum Likelihood," Genetics 160, (January 2002), pp. 357-366						
CM	Jonine L. Bernstein et al., "Comparison of Techniques for the Successful Detection of BRCA1 Mutations in Fixed Paraffin-Embedded Tissue," Cancer Epidemiology, Biomarkers and Prevention, Vol. 11, (September 2002), pp. 809-811						
CN	L.G. Dressler, et al., "Policy guidelines for the utilization of formalin-fixed, paraffin-embedded tissue sections: the UNC SPORE experience," Breast Cancer Research and Treatment 58, pp. 31-39 (1999)						
CO	M.P. Burton, et al., "Comparison of Histologic Stains for Use in PCR Analysis of Microdissected, Paraffin-Embedded Tissues," BioTechniques, Vol. 24, No. 1, pp. 86-91 (1998)						
CP	Cecilia Williams, et al., "A High Frequency of Sequence Alterations is Due to Formalin Fixation of Archival Specimens," American Journal of Pathology, Vol. 155, No. 5, (November 1999), pp. 1467-1471						
CQ	John W. Gillespie, et al., "Evaluation of Non-Formalin Tissue Fixation for Molecular Profiling Studies," American Journal of Pathology, Vol. 160, No. 2, (February 2002), pp. 449-457						
CR	Susan E. Goelz, et al., "Purification of DNA from Formaldehyde Fixed and Paraffin Embedded Human Tissue," Biochemical and Bio Physical Research Communications," Vol. 130, No. 1, 1985, pp. 118-126						
CS	Beverly Barton Rogers, et al., "Analysis of DNA in Fresh and Fixed Tissue by the Polymerase Chain Reaction," American Journal of Pathology, Vol. 136, No. 3, March 1990, pp. 541-548						
CT	Kevin F. Forsthoefel, M.D., et al., "Optimization of DNA Extraction from Formalin-Fixed Tissue and Its Clinical Application in Duchenne Muscular Dystrophy," Anatomic Pathology, A.J.C.P., July 1992, pp. 98-104						

Sheet 2 of 2			
Form PTO-1449			
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Date Filed: July 21, 2003		APPLICANT: Sydney David FINKELSTEIN et al.	
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CU	James M. Rae, et al., "Genotyping for polymorphic druge metabolizing enzymes from paraffin-embedded and immunohistochemically stained tumor samples," Pharmacogenetics 2003, Vol. 13, No. 8, pp. 501-507
CV	Jos C.F. M. Dreesen, et al., "Allelic Dropout Caused by Allele-Specific Amplification Failure in Single-Cell PCR of the Cystic Fibrosis ΔF508 Delection," Journal of Assisted Reproduction and Genetics, Vol. 13, No. 2, 1996, pp. 112-114
CW	P. Wiegand, et al., "DNA degradation in formalin fixed tissues," Pathologie, 1996 Nov; 17(6); 451-7 (abstract only)
<b>Examiner Signature:</b> _____ <b>Date Considered:</b> _____	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered.  
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